

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Xiang Dong LIU et al.

Application No.: 10/542,430

Filed: July 15, 2005

Docket No.: 124715

For: METHOD OF CONCENTRATING AND REMOVING HARMFUL SUBSTANCE
USING DOUBLE-STRANDED DNA AND ADSORBENT AND APPARATUS
THEREFOR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the non-English language reference 2 is discussed in the present specification.
- ☒ 3. The references 1, 3 and 4 were cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information.
- ☒ 4. English language Abstracts of the non-English language references 1-3 are attached hereto.
- ☒ 5. A computer-generated English language translation of the Japanese Patent Publications 1 and 2 has been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and is attached, but has not been reviewed for accuracy.

Respectfully submitted,

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Date: November 7, 2005

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<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 124715		APPLICATION NO. 10/542,430	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Xiang Dong LIU et al.			
				FILING DATE July 15, 2005			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	1)	JP A 2001-232356 w/ abst. & trans	08/28/2001	JAPAN			
	2)	JP A 2002-239347 w/ abst. & trans	08/27/2002	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	3)	Murayama et al., "Concentration of Dioxin Derivatives from their Diluted Aqueous Solution with DNA Solution in Dialysis Membrane - Effective Removal of Dioxin Derivatives," The 5 th Annual Meeting of Japan Society of Endocrine Disrupters Research, pg, 128, November 25-26, 2002 (with abstract)					
	4)	Liu et al., "DNA Aqueous Solution Applied for Dialytical Concentration of Dioxin Derivatives," The Society of Polymer Science, pp. 1704-1705, September 18, 2002					
EXAMINER				DATE CONSIDERED			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: November 7, 2005